



"A boy's best friend is his mother." Norman Bates, Psycho (1960)

The SetPoint



September 2012

Presidential Points

by sean miller

With Election Day fast approaching (Nov. 6th in case you didn't know!), it is time to think about how our choices

during the election will affect our engineering profession and contemplate how we as an engineering profession can get more involved in the political process. There are many issues relative to engineering that are constantly brought up in our local, state and national governments. Whether it be the Qualification Based Selection vs. Fee Based Selection debate, proposed sales tax on professional services, Energy initiatives, licensure requirements, Engineering Student Loan Forgiveness, etc. we all need to be aware of what is going on and offer our expertise and knowledge to those in positions to make changes.

I urge each and every one of you to learn who your local state senator and



More inside!



BCS employees reviewing ASHRAE material online in their new learning center

November Meeting
Tuesday, Nov 15th, 2012

Please keep your options open for
a tour of the Wichita Cathedral.
Time has not been set.

Watch your email!

the small print

Please contact Melanie Dickey for announcements or other items to be included in future newsletters.

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In the News

Last month I had issues with links and pdf's. I'm including the corrected links below again this month.

Sean Miller was selected by the Wichita Business Journal as a 2012 40 Under 40 honoree in the July 13th Special 40 Under 40 publication. Follow the link below to view Sean and the rest of the 2012 class:
http://www2.bizjournals.com/wichita/events/2012/40_under_40/class-of-2012.html

Ken Stoppel was spotlighted in the Wichita Metro Chamber of Commerce June/July 2012 Synergy newsletter. Ken has played a vital role in building BCS from three employees 27 years ago to currently a team of 48. See the rest of Ken's "Member Spotlight" on page 5 of the newsletter listed above on:
http://www.wichitakansas.org/user/file/Synergy_June_2012_REV_LOW.pdf



Membership Has its Rewards

The Chapter October Meeting was our first try at a Membership Drive for the year. The only two new members to take advantage of the \$50 savings were Joey Todd and with Chad Heitman.

We plan to do this again in the Spring so spread the word about the great benefits a membership in ASHRAE can offer.

Also at the meeting our Membership Chair Dane Pletcher handed out plaques to each of the three Chapter Member companies that have the most employees registered as members. Those were Building Controls and Services (BCS), Professional Engineering Consultants (PEC) and MKEC Engineering Consultants for their continued support and commitment to ASHRAE!



Contact Ken Stoppel to donate today!

R & P Investments to Date

Richard Bowman	\$100
Bryan Rocky	\$200
Dave Hughes	\$200
CMW	\$500
Ken Stoppel	\$474
Sean Miller	\$150
John Weber	\$250
Wichita ASHRAE Chapter	\$5,200
McQueeney Group	\$500
Homer Wells	\$50



cont.

Blast from the Past...

This year we plan to feature a past president in each newsletter. Up for November is Mark O'Donnell. Mark is currently our refrigeration chair. We hope to one day have an article on refrigeration to publish. Just kidding Mark! Mark graduated from K-State in 1985 with a B.S. in Architectural Engineering.

1. **Q:** How did being the Chapter President impact your professional life?

A: I enjoyed working with professionals in our HVAC community.

2. **Q:** What are the major changes you have noticed during and after your presidency in regards to technology, policy, etc.?

A: I was refrigeration chair when CFC's became an environmental issue. This caused many equipment changes.

3. **Q:** What is your advice to future/present ASHRAE presidents and officers?

A: Make the very best of the position.

President 1996-1997

representative is and contact them. Take them to lunch and introduce yourself. Educate them about what you do, where you do it and how you can be of assistance if the need ever rises. Do you know how many Professional Engineers there are in the Kansas Legislature? Zero. There are plenty of lawyers, plenty of doctors and so on but no licensed engineers. If you can introduce yourself to your local representative there is a very good chance that when an issue comes up that involves engineers they may remember you and seek you out for your opinion. That's how you can help make a difference.

In the meantime, educate yourself on the key issues facing our profession by visiting www.ashrae.org/government-affairs/public-policy-issue-briefs-letters-testimony as well as <http://www.acec.org/advocacy/keyissues.cfm>. Get involved by contacting ASHRAE's Manager of State & Local Government, Mark Willis by email at mwillis@ashrae.org. Remember, "If you're not at the table, you're on the menu."

Also, Don't Forget to Vote!



Find BOG Members and Contact information at:

<http://www.wichita-ashrae.org>

Second Annual Poker Night and Winter Social

January 19th 5:00-11:00 p.m. at Midian Shrine Oasis Room (130 N. Topeka)

NEW and IMPROVED! NO COVER and Non-Smoking Room. Everyone will receive one round of funny money for the casino games free. There will be unlimited re-buys for \$5.00. Initial seat rent for poker only is \$15.00 with one re-buy at \$10.00. Net proceeds, if any, benefit ASHRAE Research and Development, but we really just want everyone to come out and have some fun. Door prizes and game prizes will be similar to last year....ONLY BETTER! Also on tap: full cash bar, great burners and sandwiches and a full breakfast menu. Free hors d'oeuvres from Truffles will be available throughout the evening. Contact Dahl Carmichael for more information.



Program Schedule 2012-2013

If you have a great idea for a lunch program or tour please contact Nancy Mills.

November Thursday, 15th
Wichita Cathedral Tour

December NO MEETING

January Thursday, 17th
Speaker: Brandon Wallace with BRD Noise & Vibration Control, Inc.
Topic: How to Specify Acoustics

Feb TBD

March Thursday, 14th
Speaker: Chris McDonald with Shook, Hardy & Bacon L.L.P.
Topic: Document Management and Discovery

April Wednesday, 3rd
Speaker: Sheila Hayter, PE, FASHRAE, LEED AP with National Renewable Energy Laboratory
Topic: Integrating Renewable Energy Systems into Buildings

May TBD

Our New Address

ASHRAE - Wichita Chapter
P.O. Box 4832
Wichita, KS 67201

Wichita Chapter ASHRAE Business Directory now Online!

The wait is over! We are finally ready to launch a new feature on our Chapter website that we hope will be embraced by all of our member companies. For a small donation to the ASHRAE Wichita Chapter Scholarship fund (\$150 per year) your company can be featured in the new online business directory located <http://www.Wichita-ASHRAE.org/Business-Directory/>. All proceeds will go to fund our \$1,000 annual scholarship to one lucky mechanical engineering student at Wichita State University. Larger or multiple scholarships will be determined by overall donations.

This is your chance to showcase your company's name, services, contacts, and website by advertising in the Chapter Business Directory. Many other Chapters have a similar service, which usually consists of a printed edition that costs way more money. If you register to advertise in the online Business Directory your company will also get its logo in the rotation for Featured Business on our home page.

If you are interested in advertising your company on the Chapter website and supporting our Chapter's Student Activities Scholarship fund just go http://wichita-ashrae.org/registration/?regevent_action=register&event_id=21&name_of_event=BusinessDirectorySignup to sign up. More information will be released as it becomes available. Contact Sean Miller with questions.

The screenshot shows the ASHRAE Wichita Chapter website. The header features the ASHRAE logo and "Wichita Chapter". A navigation bar includes links: Home, About Us, News, Events, Photos, Students, Links, and Business Directory. The main content area is titled "Business Directory" and has an alphabetical index (A-Z). A red box highlights the "Featured Business" section, which displays the ACME Corporation logo. Another red box highlights a "Typical Business Directory Entry" for ACME Corporation, showing contact information and a description. A third red box points to the "Example of Featured Business Logo" in the sidebar. The sidebar also includes a "Coming Up!" section, a "Latest Newsletter" section, and a "Classified Ads" section.

ASHRAE Wichita Chapter

Coming Up!

Home | About Us | News | Events | Photos | Students | Links | Business Directory

Business Directory

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Featured Business

ACME CORPORATION

ACME Corporation

Example of Typical Business Directory Entry

Company Name: ACME Corporation

Address: 123 Acme Drive
Acme Acres, Acmetropolis

Phone: 316.555.ACME

Fax: 316.555.ACMF

Email: email@acme.com

Contacts: Marvin K. Acme Jr.

Website: www.acme.com

Services

Creative Mayhem

Description

Universe's largest purveyor of anvils, earthquake pills and jet propelled pogo sticks.

Classified Ads

CLASSIFIEDS

From Society Atlanta

Water Conservation Standard Opens for First Public Comment

ATLANTA – With HVAC&R systems accounting for approximately a third of water consumption in a typical office building, the need to minimize water usage is a major consideration in the built environment industry.

A standard to provide baseline requirements for the design of buildings, site and mechanical systems is being developed by ASHRAE, the American Society of Plumbing Engineers (ASPE), the American Water Works Association (AWWA) and the U.S. Green Building Council (USGBC).

ASHRAE/USGBC/ASPE/AWWA Standard 191P, Standard for the Efficient Use of Water in Building, Site and Mechanical Systems, is currently open for public comment from Oct. 26 until Dec. 10, 2012. To comment on the proposed standard or for more information, visit www.ashrae.org/publicreviews.

“Water efficiency and conservation is a critical factor in the design and operation of buildings,” John Swift, chair of the committee writing the standard, said. “Buildings consume 20 percent of the world’s available water, a resource that becomes scarcer each year. Efficient practices and products provide opportunities to save significant amounts of water. The reduction of energy use and operating costs and the expectation of increased government regulation will continue to drive faster adoption of water-efficient products and methods.”

The requirements in the standard would optimize the volume of water required to operate HVAC systems, plumbing systems and irrigation systems. There is currently no standard document that adequately and comprehensively addresses the issue of how to efficiently use water in the design, construction and operation of buildings, according to Swift.

The proposed standard covers HVAC&R and non-HVAC&R systems including: evaporative heat rejection, humidification systems, thermal storage, ground source pump systems, water heating systems, laboratory facilities and residential appliances. It would not apply to storm water management.

The standard will provide the tools that a design team needs to properly apply water efficiency measures on all aspects of a building design and construction project. In order to optimize water efficiency in buildings, plumbing, fire protection and HVAC&R engineers must work closely with civil engineers and landscape architects in putting together a functional building mechanical system.

ASHRAE, founded in 1894, is a building technology society with more than 50,000 members worldwide. The Society and its members focus on building systems, energy efficiency, indoor air quality, refrigeration and sustainability within the industry. Through research, standards writing, publishing and continuing education, ASHRAE shapes tomorrow’s built environment today.

ASHRAE Learning Institute

Seminars & Courses at ASHRAE's Winter Conference and AHR Expo in Dallas, TX

2 WAYS TO REGISTER

Internet: www.ashrae.org/dallascourses

Phone: Call 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

Full-Day Professional Development Seminars

\$485/\$395 ASHRAE Member -- Earn 6 PDHs/AIA LUs or .6 CEUs

The Commissioning Process in New & Existing Buildings

Saturday, Jan 26 – 8:00 a.m. to 3:00 p.m.

Data Center Energy Efficiency

Saturday, Jan 26 – 8:00 a.m. to 3:00 p.m.

Healthcare Facilities: Best Practice Design & Applications

Saturday, Jan 26 – 8:00 a.m. to 3:00 p.m.

Complying with Standard 90.1-2010

Tuesday, Jan 29 – 9:00 a.m. to 4:00 p.m.

Energy Modeling Best Practices and Applications: HVAC/Thermal

Tuesday, Jan 29 – 9:00 a.m. to 4:00 p.m.

Half-Day Short Courses

\$159/\$119 ASHRAE Member -- Earn 3 PDHs/AIA LUs or .3 CEUs

Air-to-Air Energy Recovery Fundamentals

Sunday, Jan 27 – 2:00 p.m. to 5:00 p.m.

Humidity Control: Applications, Control Levels and Mold Avoidance

Sunday, Jan 27 – 2:00 p.m. to 5:00 p.m.

Air-to-Air Energy Recovery Applications: Best Practices

Monday, Jan 28 – 8:30 a.m. to 11:30 a.m.

Application of Standard 62.1-2010: Multiple Spaces Equations & Spreadsheet

Monday, Jan 28 – 8:30 a.m. to 11:30 a.m.

Combined Heat & Power: Design through Operations

Monday, Jan 28 – 8:30 a.m. to 11:30 a.m.

Understanding Standard 189.1-2011 for

High-Performance Green Buildings

Monday, Jan 28 – 2:45 p.m. to 5:45 p.m.

Introduction to Ultraviolet Germicidal Irradiation (UVGI) Systems

Monday, Jan 28 – 2:45 p.m. to 5:45 p.m.

Monday, Jan 23 – 2:30 p.m. to 5:30 p.m.

The Commissioning Process & Guideline 0

Monday, Jan 23 – 2:30 p.m. to 5:30 p.m.

Commissioning Process & Guideline 0

Monday, Jan 28 – 2:45 p.m. to 5:45 p.m.

Evaluating the Performance of LEED®-Certified Buildings

Monday, Jan 28 – 2:45 p.m. to 5:45 p.m.

Optimization of HVAC Systems & Components: Techniques & Real-World Examples

Tuesday, Jan 29 – 9:00 a.m. to 12:00 p.m.

Energy Management in New and Existing Buildings

Tuesday, Jan 29 – 9:00 a.m. to 12:00 p.m.

Avoiding IAQ Problems

Tuesday, Jan 29 – 9:00 a.m. to 12:00 p.m.

Designing Toward Net Zero Energy Commercial Buildings

Tuesday, Jan 29 – 1:00 p.m. to 4:00 p.m.

Understanding & Designing Dedicated Outdoor Air Systems

Tuesday, Jan 29 – 1:00 p.m. to 4:00 p.m.

Laboratory Design: The Basics and Beyond

Tuesday, Jan 29 – 1:00 p.m. to 4:00 p.m.

HVAC Design Training (<http://www.ashrae.org/hvacdesign>)

Jan 14-18, 2013 • Jan 30-Feb 1, 2013 (Level I only) • Mar 18-22, 2013 • Jun 3-7, 2013 • Aug 12-16, 2013

HVAC Design: Level I - Essentials

Gain practical skills and knowledge in designing, installing and maintaining HVAC systems that can be put to immediate use. The training provides real-world examples of HVAC systems, including calculations of heating and cooling loads, ventilation and diffuser selection using the newly renovated ASHRAE Headquarters building as a living lab.

HVAC Design: Level II - Applications

Developed by industry-leading professionals, the workshop provides participants with advanced level information about designing, installing and maintaining HVAC systems that can be put to immediate use. Participants will gain an in-depth look into Standards 55, 62.1, 90.1, and 189.1 and the Advanced Energy Design Guides, as well as a range of other HVAC topics including: HVAC equipment and systems; energy modeling; designing mechanical spaces; designing a chiller plant; and BAS controls